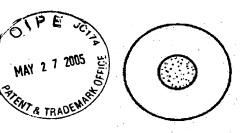
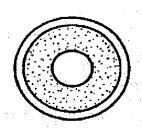
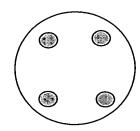
Inventor: HANSEN

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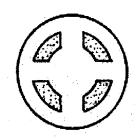
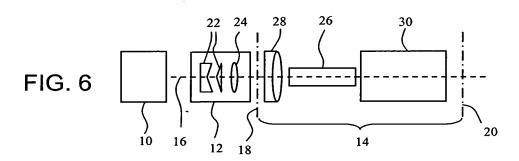


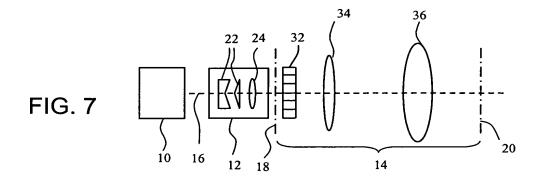
FIG. 2

FIG. 3

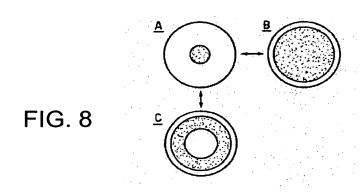
FIG. 4

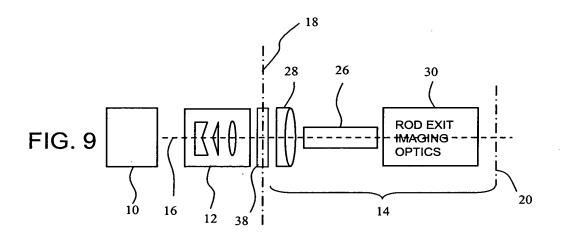
FIG. 5



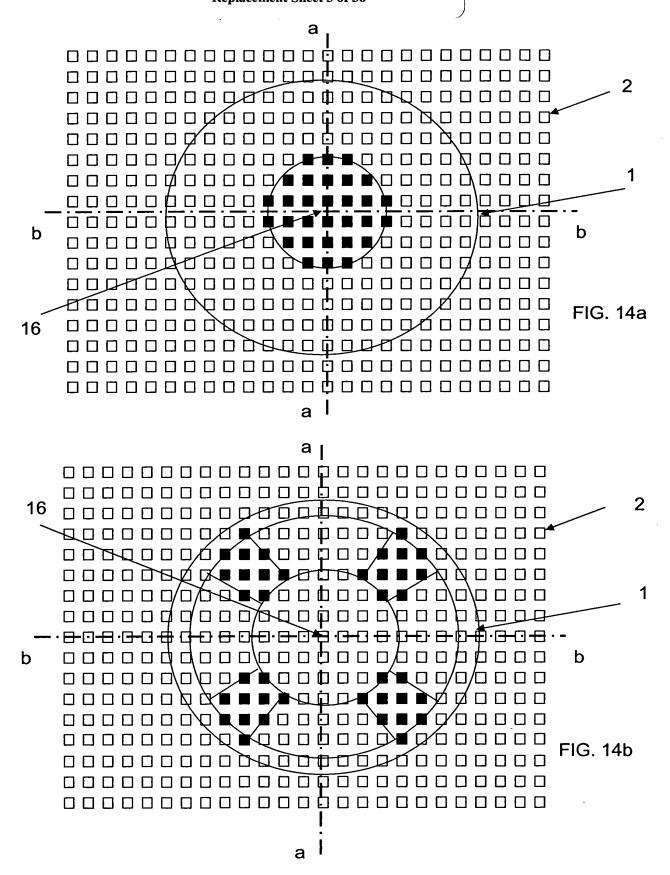


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NILS

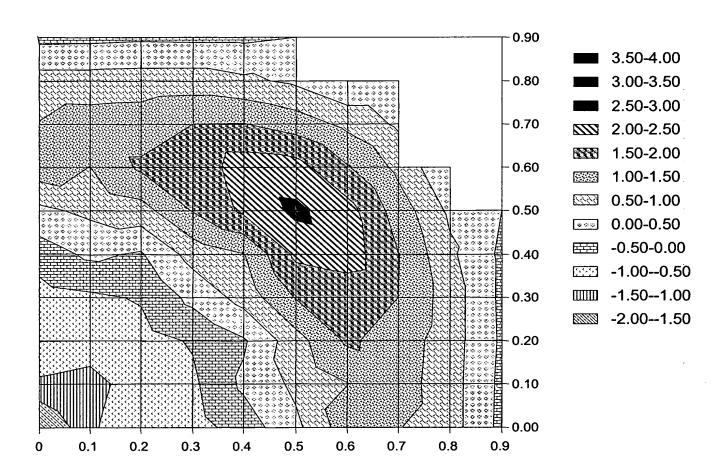
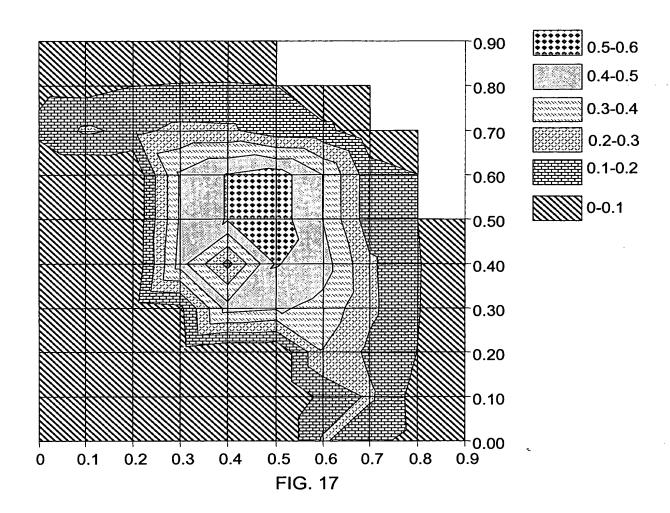


FIG. 15

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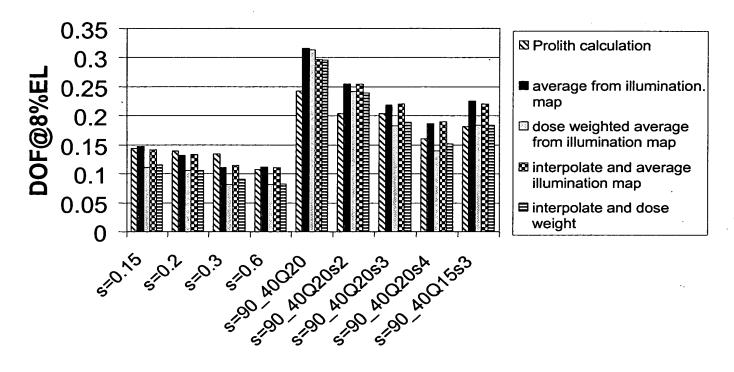
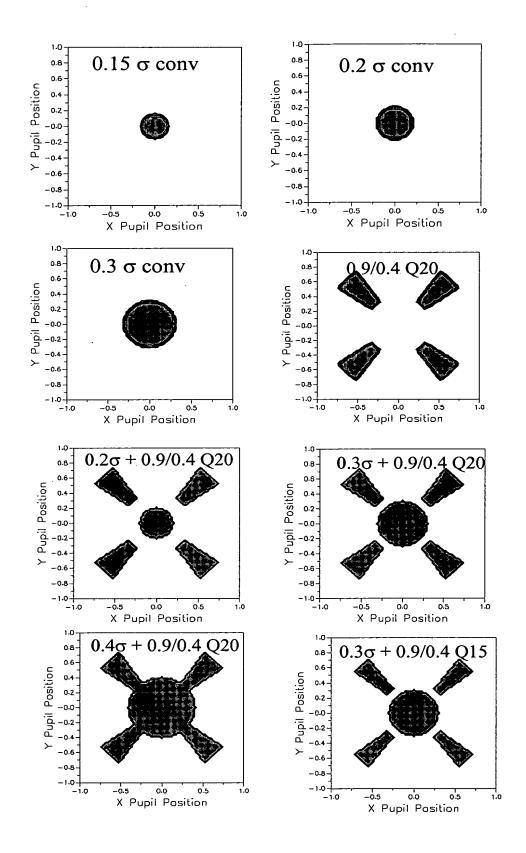


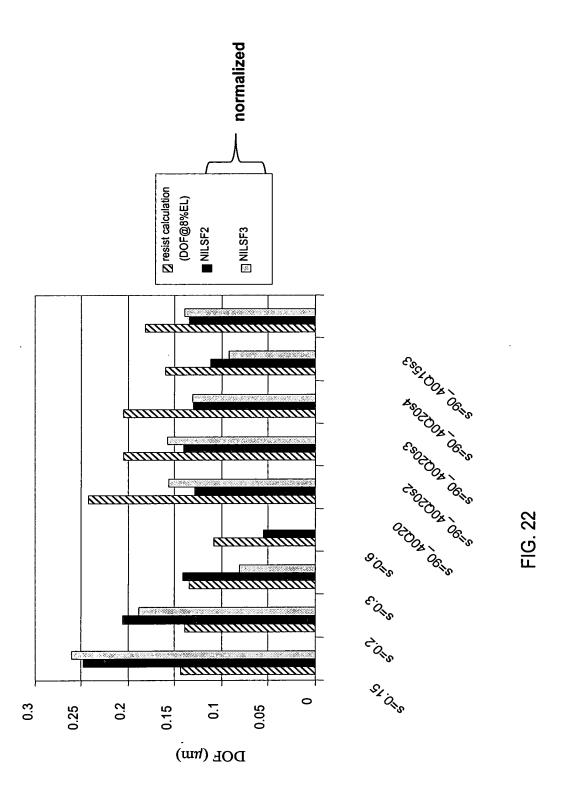
FIG. 19

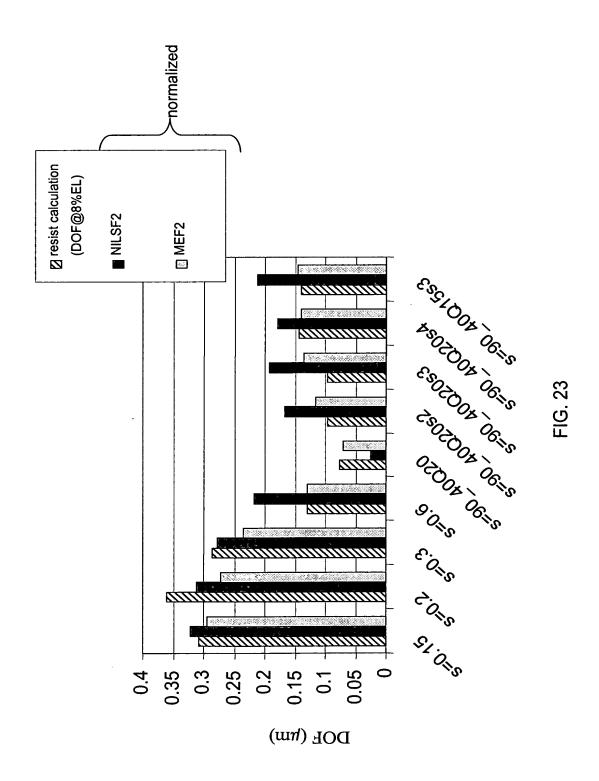
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FIG. 20



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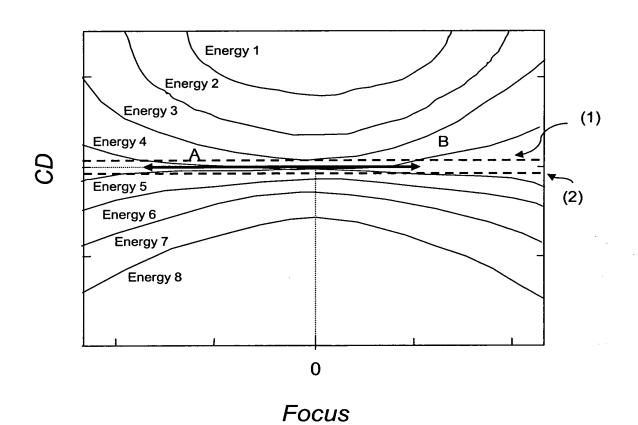
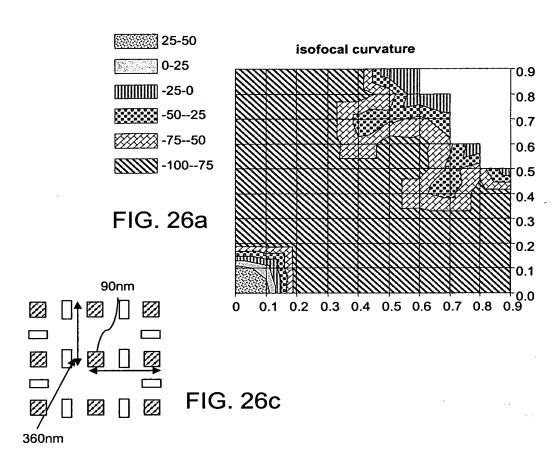
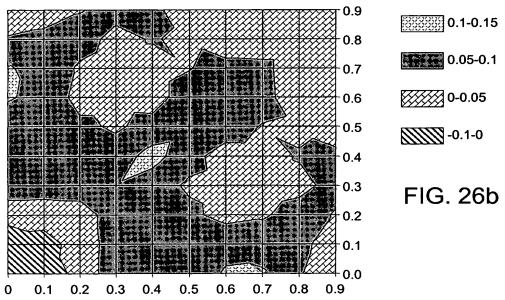


FIG. 25

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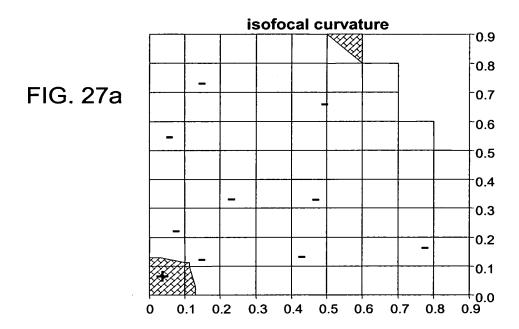
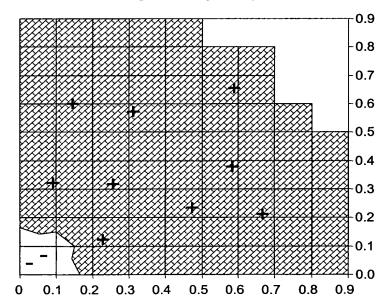


FIG. 27b





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isofocal curvature

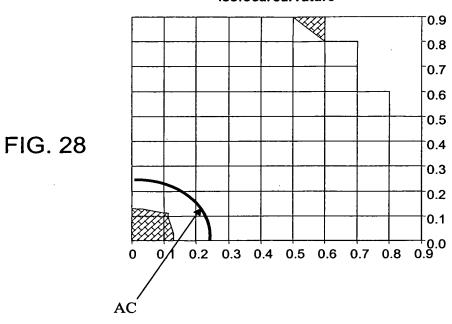
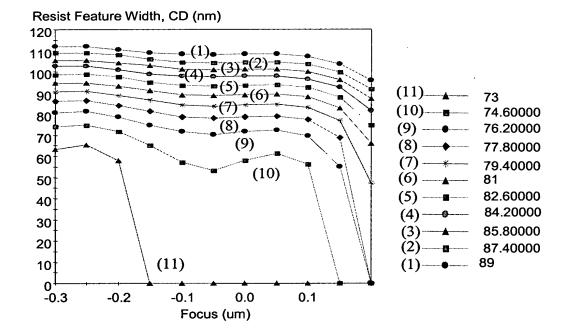
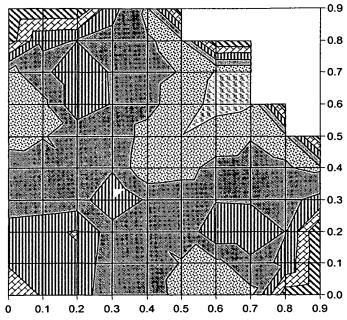


FIG. 29



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max EL

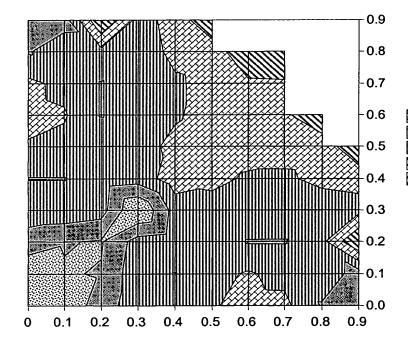


20-24 16-20 12-16 8-12 4-8 0-4

E1:1

FIG. 30b

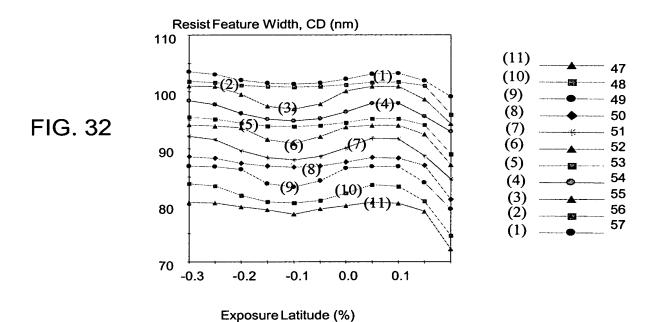
FIG. 30a

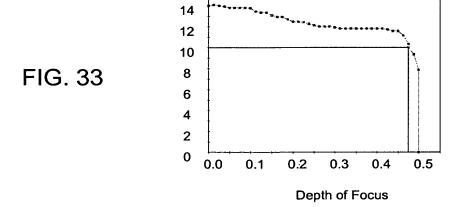


80.00-100.00 60.00-80.00 40.00-60.00 20.00-40.00

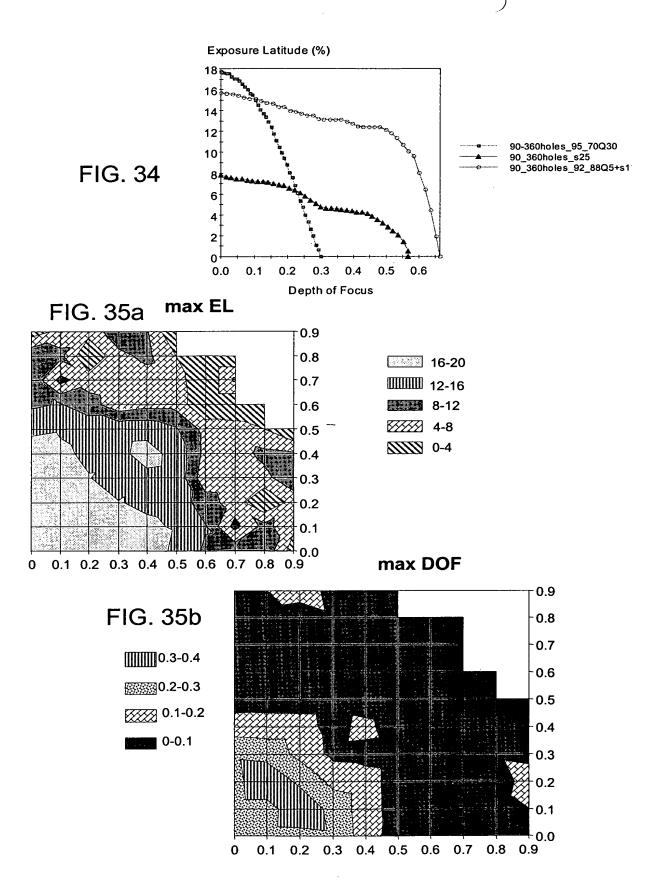
Inventor: HANSEN Appl. No. 10/773,397 Docket No. 081468-0307720 Replacement Sheet 15 of 36

0.8 0.6 Y Pupil Position 0.4 0.2 -0.0 -0.2 FIG. 31 -0.6 -0.8 -1.0 -0.5 0.0 0.5 -1.0 1.0 X Pupil Position





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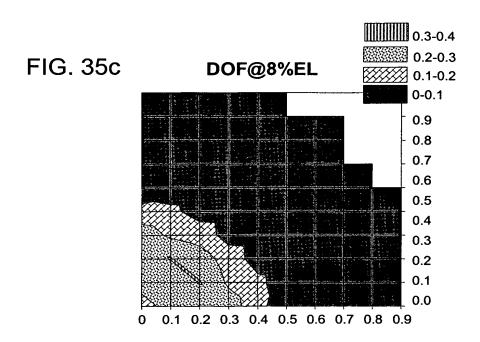
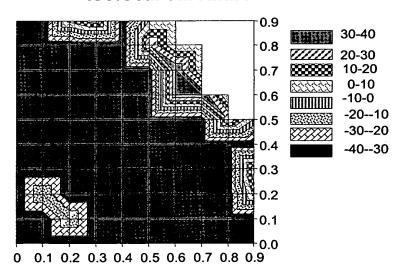
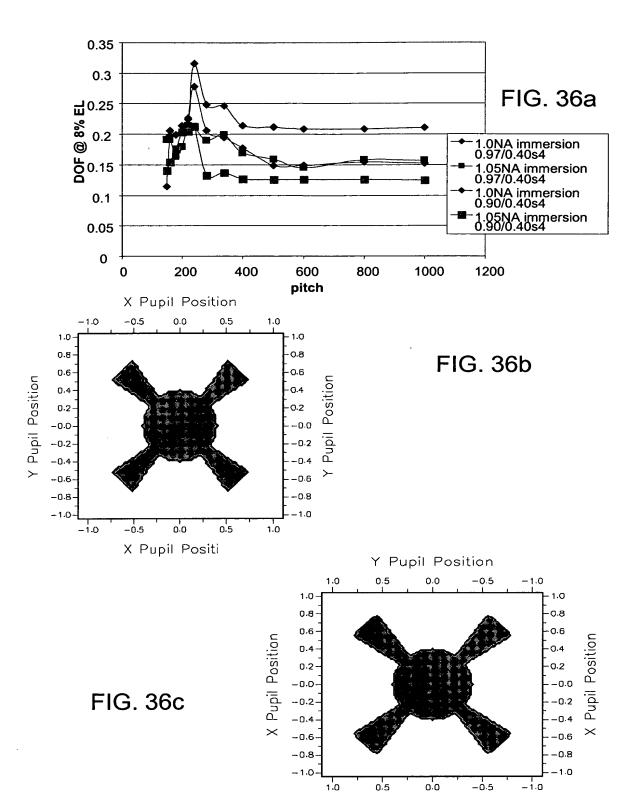


FIG. 35d

isofocal curvature

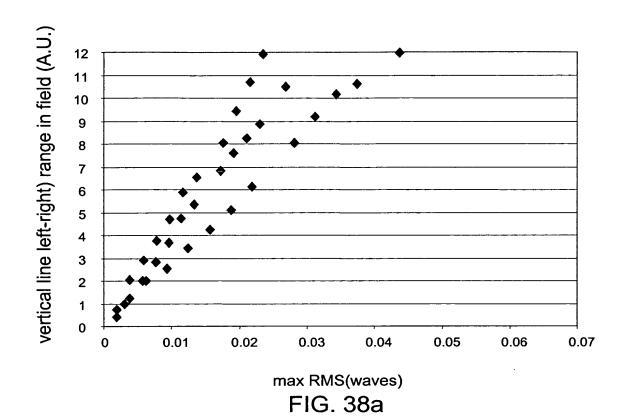


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Y Pupil Position

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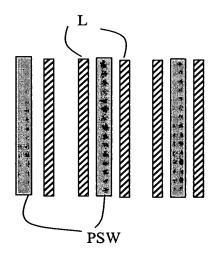


FIG. 38b

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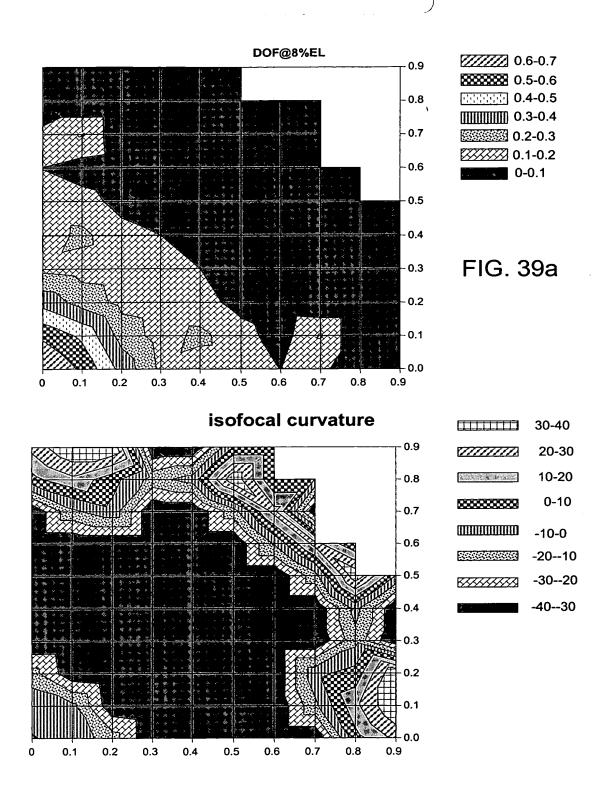


FIG. 39b

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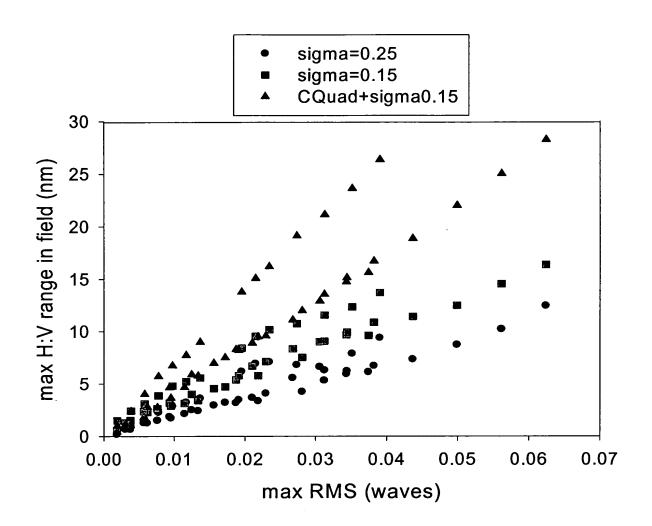
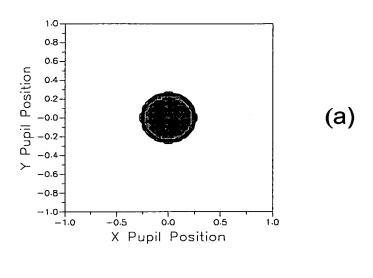
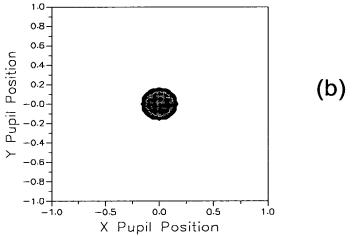


FIG. 40

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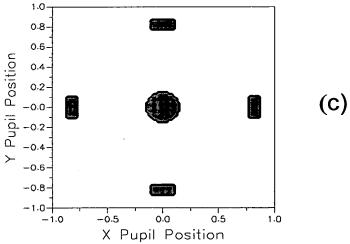
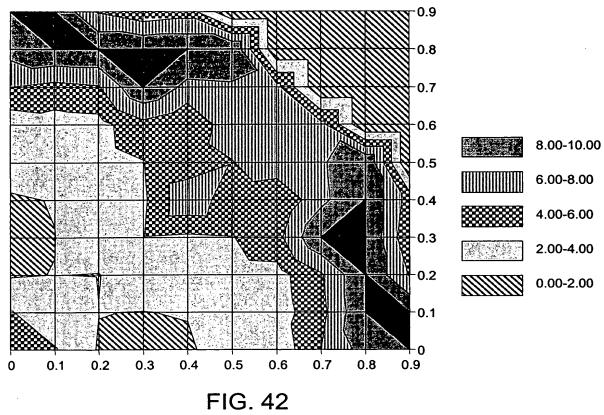


FIG. 41

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DOF@8%EL

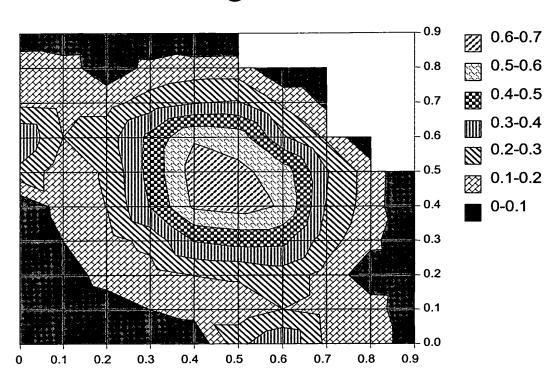


FIG. 43

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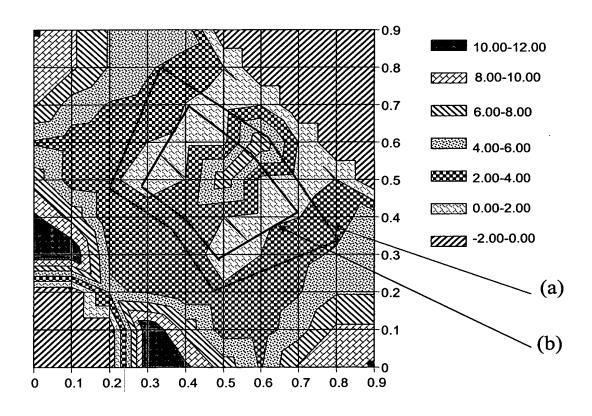


FIG. 44

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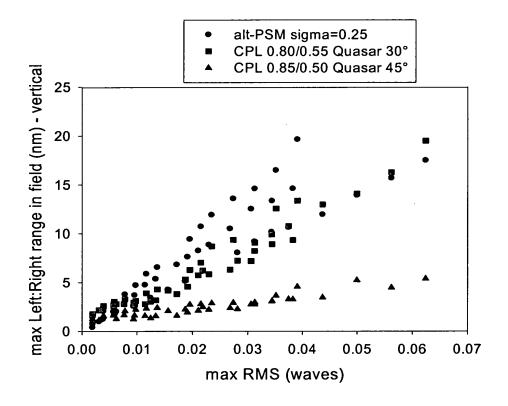
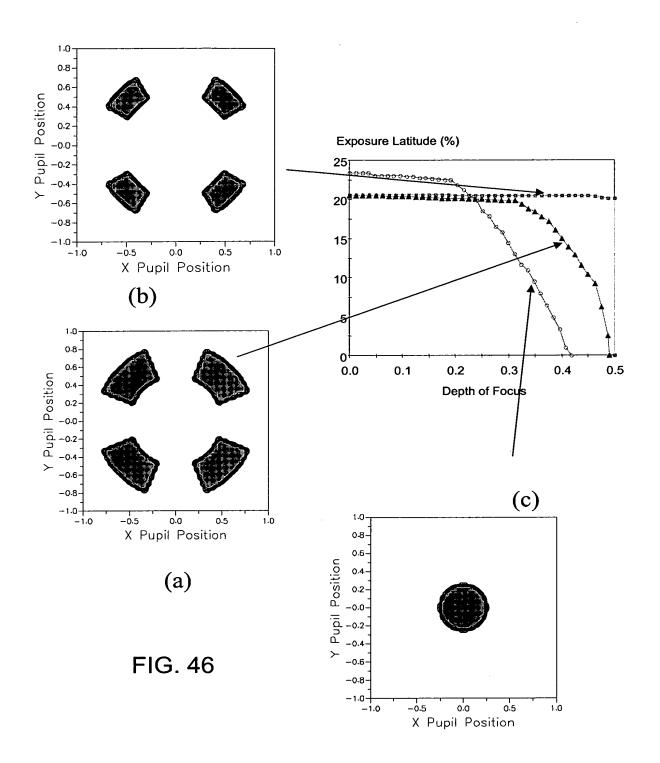


FIG. 45

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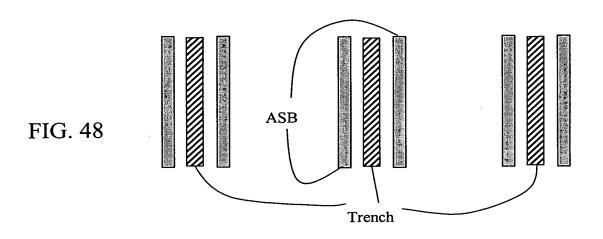
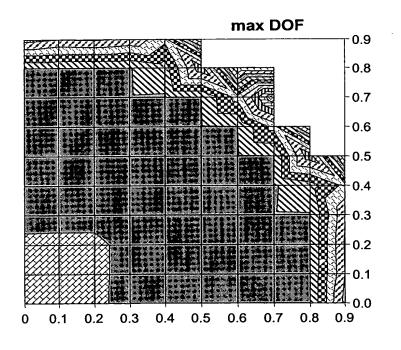


FIG. 49a



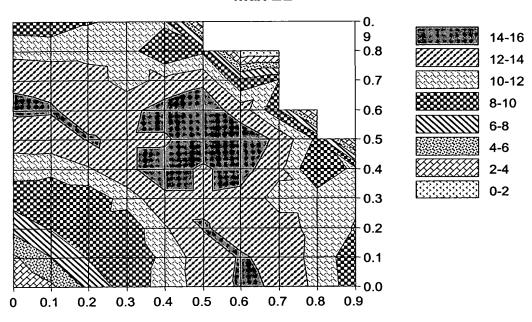
*********	0.45-0.5
************	0.4-0.45
<u> 222722227</u>	

	0.15-0.2
30 (5) (15) EV	0.1-0.15
<i></i>	0.05-0.1
9999999	0-0.05

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FIG. 49b

max EL



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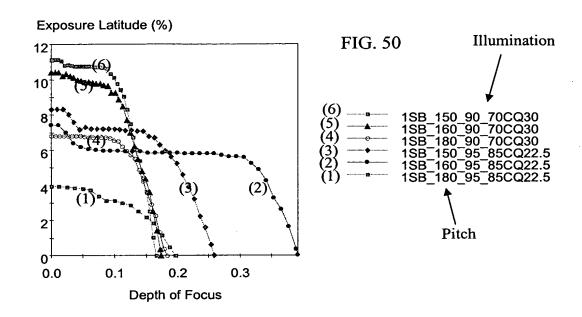
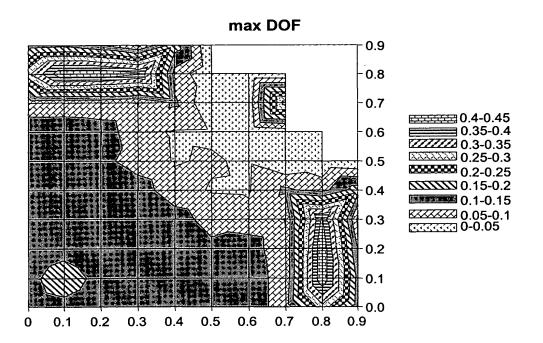
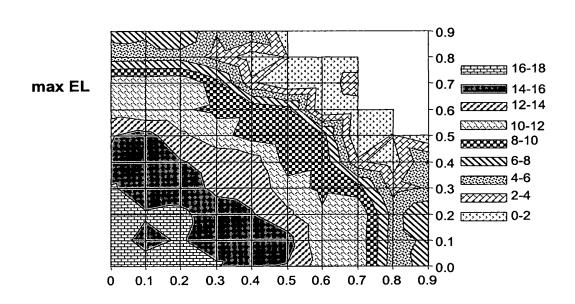


FIG. 51a

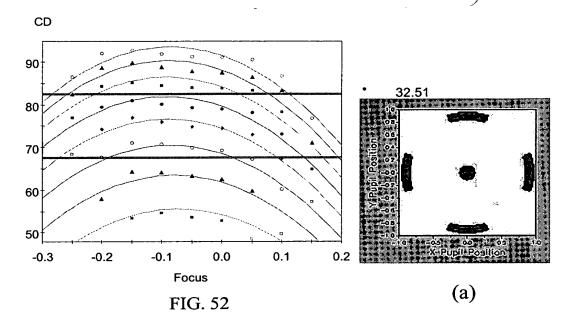


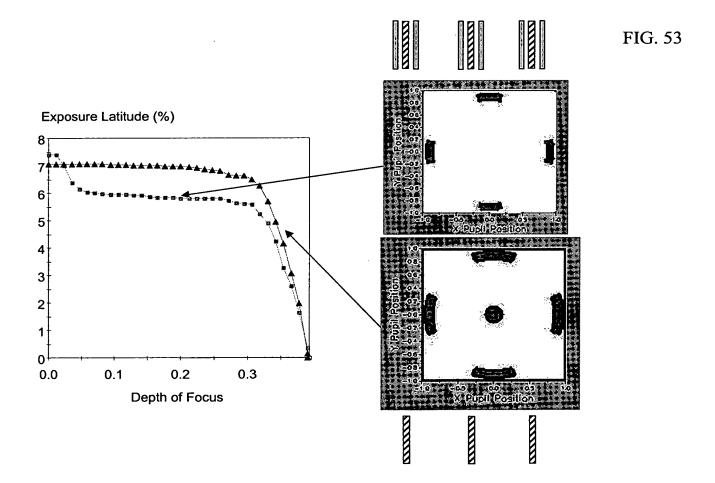
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FIG. 51b

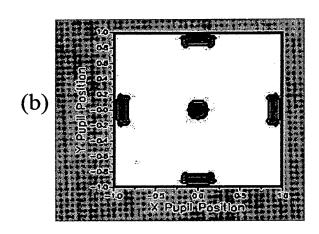


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Exposure Latitude (%)

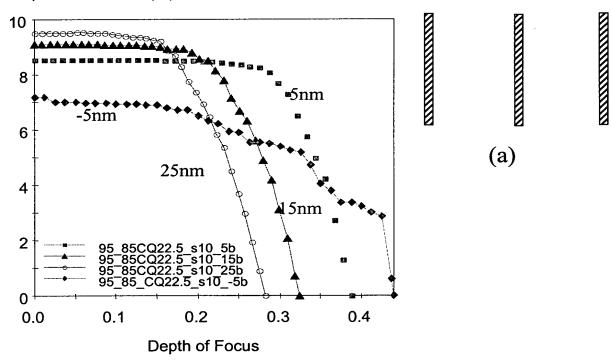
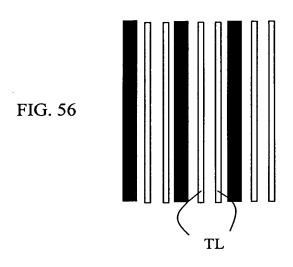
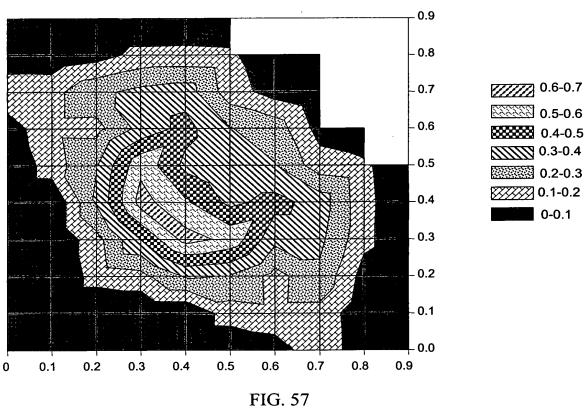


FIG.54

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DOF@8%EL



0.5-0.6 0.4-0.5 0.3-0.4 0.2-0.3 0.1-0.2 0-0.1

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total CD variation

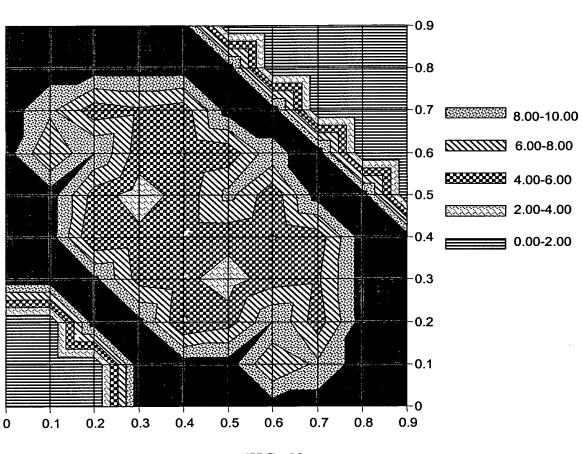
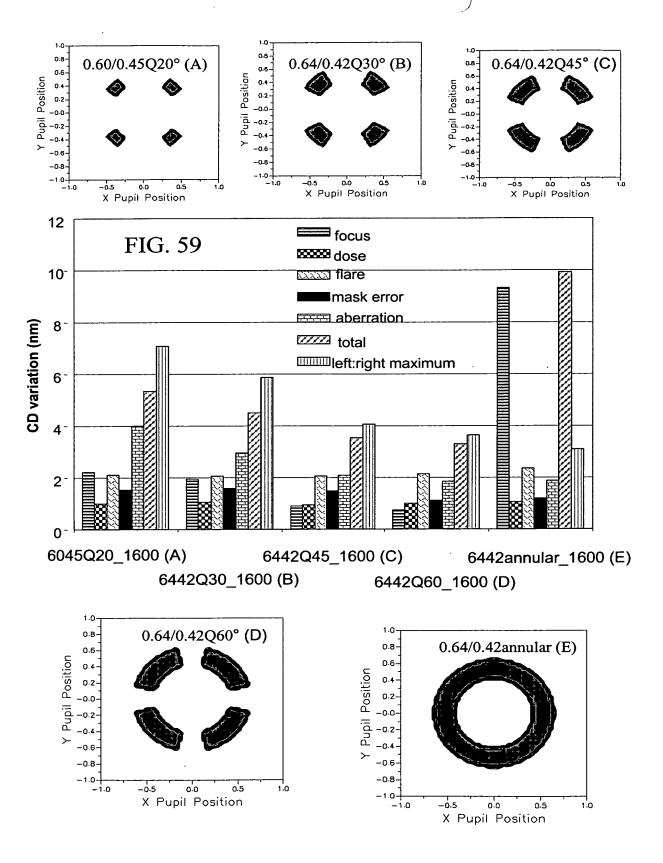


FIG. 58



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